



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/673,084	09/26/2003	Zvi Vlodavsky	P16495	7504
28062	7590	07/10/2007		
BUCKLEY, MASCHOFF & TALWALKAR LLC 50 LOCUST AVENUE NEW CANAAN, CT 06840				
			EXAMINER REZA, MOHAMMAD W	
			ART UNIT 2136	PAPER NUMBER
			MAIL DATE 07/10/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/673,084		VLODAVSKY ET AL.	
	<b>Examiner</b>		<b>Art Unit</b>	
	Mohammad W. Reza		2136	

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS; WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 26 September 2003.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date: _____   | 6) <input type="checkbox"/> Other: _____                          |

**DETAILED ACTION**

1. Claims 1-32 are presented for examination.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-32 are rejected under 35 U.S.C. 102(e) as being anticipated by Thomas Anthony Parker hereafter Parker (US patent 6832313).
3. As per claim 1, Parker discloses a method, comprising: receiving at a client device a key from a first network adaptor, the key being associated with a remote management device; and storing the key at a second network adaptor (col. 1, lines 50-67, col. 2, lines 23-51).
4. As per claim 2-3, Parker discloses a method, wherein the key is stored in a non-volatile storage unit at the second network adaptor and wherein an encrypted version of the key is received from the first network adaptor and stored at the second network adaptor (col. 6, lines 57-67, col. 7, lines 1-16, lines 32-52).
5. As per claim 4, Parker discloses a method comprising prior to said receiving: determining a clear-text key during an initialization process; and providing the clear-text

key to the first network adapter, wherein the first network adapter is to encrypt the clear-text key and store the encrypted key (col. 1, lines 34-49).

6. As per claim 5, Parker discloses a method comprising: storing at the client device an indication that the key is currently stored at the second network adapter (col. 6, lines 57-67, col. 7, lines 1-16, lines 32-52).

7. As per claim 6-7, Parker discloses a method comprising prior to said receiving: determining that the second network adapter is to communicate with the remote management device, and wherein the determination of the second network adapter is based on a determination that the first network adapter is no longer able to communicate with the remote management device (col. 6, lines 57-67, col. 7, lines 1-16, lines 32-52).

8. As per claim 8, Parker discloses a method wherein the received key is stored in a volatile memory unit at the client device, and said storing further comprises: retrieving the key from the volatile memory unit; and storing the key at a second network adapter (col. 3, lines 42-67).

9. As per claim 9, Parker discloses the method comprising prior to said receiving: selecting the first network adapter from a group of available network adapters (col. 1, lines 50-67, col. 2, lines 23-51).

10. As per claim 10, Parker discloses the method wherein an available network adapter on a motherboard is selected before a network adapter that is not on the motherboard (col. 1, lines 50-67, col. 2, lines 23-51).

11. As per claim 11, Parker discloses the method wherein the key is to be used to authenticate an alert standard format message from the remote management device (col. 6, lines 57-67, col. 7, lines 1-16, lines 32-52).

12. As per claim 12, Parker discloses an apparatus, comprising: a storage medium having stored thereon instructions that when executed by a machine result in the following: receiving at a client device a key from a first network adaptor, the key being associated with a remote management device, and storing the key at a second network adapter (col. 1, lines 50-67, col. 2, lines 23-51).

13. Claims 13-21 are listed all the same elements of claim 2-11 but in the apparatus form rather than a method form. Therefore, the supporting rationales of the rejection to claim 2-11 apply equally as well to claim 13-21.

14. As per claim 22, Parker discloses an apparatus, comprising: a client device processor; an input path to receive a key from a first network adaptor, the key being associated with a remote management device; and an output path to store the key at a second network adapter (col. 1, lines 50-67, col. 2, lines 23-51).

15. As per claim 23-24, Parker discloses the apparatus comprising: a volatile memory unit to store the key, an input path to receive a clear-text key from a client device processor, the clear-text key being associated with a remote management device; an encryption engine to encrypt the clear-text key and generate an encrypted key; and a non-volatile storage unit to store the encrypted key (col. 6, lines 57-67, col. 7, lines 1-16, lines 32-52).

16. As per claim 25, Parker discloses the apparatus comprising: an input path to receive an encrypted key from the client device processor, the encrypted key to be stored in the non-volatile storage unit (col. 6, lines 57-67, col. 7, lines 1-16, lines 32-52).

17. As per claim 26, Parker discloses the apparatus comprising: an output path to provide an encrypted key to the client device processor (col. 6, lines 57-67, col. 7, lines 1-16, lines 32-52).

18. As per claim 27, Parker discloses an apparatus, comprising: a network adapter processor; and an input path to receive a key from another network adapter, the key being associated with a remote management device, (col. 1, lines 50-67, col. 2, lines 23-51).

19. As per claim 28, Parker discloses an apparatus wherein the input path is associated with a system management bus interface (col. 1, lines 50-67, col. 2, lines 23-51).

20. As per claim 29, Parker discloses a method, comprising: determining a clear-text key during an initialization process at a client device, the key being associated with a remote management device; storing the clear-text key at a network adaptor; and receiving from the network adaptor an encrypted version of the key (col. 1, lines 34-49).

21. As per claim 30, Parker discloses the method comprising: storing the encrypted version of the key at another network processor (col. 1, lines 50-67, col. 2, lines 23-51).

22. As per claim 31, Parker discloses a system, comprising: a client device processor, including: an input path to receive a key from a first network adaptor, the key being associated with a remote management device, and an output path to store the

key at a second network adapter; and an Ethernet port (col. 1, lines 50-67, col. 2, lines 23-51).

23. As per claim 32, Parker discloses the system comprising: a network adaptor coupled between the client device processor and the Ethernet port (col. 1, lines 50-67, col. 2, lines 23-51).

### *Conclusion*

25. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad w. Reza whose telephone number is 571-272-6590. The examiner can normally be reached on M-F (9:00-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MOAZZAMI NASSER G can be reached on (571)272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Application/Control Number: 10/673,084  
Art Unit: 2136

Page 7

Mohammad Wasim Reza

AU 2136

NASSER MOAZZAMI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

  
3,161,07